

09974619a.trn

FILE 'HOME' ENTERED AT 16:03:43 ON 13 MAY 2005

=> file medline, caplus, biosis
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 16:04:01 ON 13 MAY 2005

FILE 'CAPLUS' ENTERED AT 16:04:01 ON 13 MAY 2005
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FILE 'BIOSIS' ENTERED AT 16:04:01 ON 13 MAY 2005
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=> s p450 3a5 or cyp3a5 or cyp 3a5 or cyp iiaa5 or cypiaa5 or cyp4503a5 or cyp450
3a5 or cyp450iaa5 or cyp450 iiaa5
L1 1129 P450 3A5 OR CYP3A5 OR CYP 3A5 OR CYP IIAA5 OR CYP4503A5 OR CYP450
3A5 OR CYP450 IIAA5

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 582 DUP REM L1 (547 DUPLICATES REMOVED)

=> s l2 and py<2002
1 FILES SEARCHED...
L3 211 L2 AND PY<2002

=> s l3 and (sequenc? or pcr)
L4 67 L3 AND (SEQUENC? OR PCR)

=> d bib,ab

L4 ANSWER 1 OF 67 MEDLINE on STN
AN 2002041508 MEDLINE
DN PubMed ID: 11767004
TI The expression of cytochrome P450 enzymes in human breast tumours and
normal breast tissue.
AU Iscan M; Kilaavuniemi T; Coban T; Kapucuoglu N; Pelkonen O; Raunio H
CS Department of Toxicology, Faculty of Pharmacy, Ankara University,
Tandogan, Ankara, Turkey.. iscan@pharmacy.ankara.edu.tr
SO Breast cancer research and treatment, *** (2001 Nov) *** 70 (1) 47-54.
Journal code: 8111104. ISSN: 0167-6806.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 20020124
Last Updated on STN: 20020829
Entered Medline: 20020828
AB Environmental chemicals are one of the risk factors in breast cancer
genesis. Cytochrome P450 (CYP) enzymes play a major role in the
activation of these chemicals. Using highly specific and sensitive
reverse transcriptase-polymerase chain reaction (RT-PCR) analysis,
the expression profile of all major xenobiotic metabolizing CYP
forms was screened in breast tumour and surrounding tumour free (control)
breast tissue in a series of 20 sample pairs obtained from females with
infiltrating ductal carcinoma. The levels of CYP1A1 mRNA were very low in
both tumour and normal tissue. CYP1B1, CYP2B6, CYP2C, CYP2D6, CYP2E1,